WHAT IS CLAIMED IS:

20

25

- 1. An ink jet recording head comprising:
- a substrate;
- a plurality of recording elements for

 generating the discharge energy for discharging ink
 droplets of a recording liquid from at least a
 discharge port, the recording elements forming a
 recording element row arranged in a row on the
 substrate;
- a plurality of electrical circuit elements for driving the recording elements, the electrical circuit elements forming an electrical circuit element row arranged in a row adjacently to the recording element row on the substrate;
- at least a conductive belt-like recording element protecting section for covering the upper part of the recording element row;
 - at least a conductive belt-like electrical circuit element protecting section electrically connected with the recording element protecting section for covering the upper part of the electrical circuit element row; and

an inspection electrode pad adapted to be electrically connected to the recording element protecting section and the electrical circuit element protecting section.

2. An ink jet recording head according to claim

1, wherein the recording element protecting section

and the electrical circuit element protecting section

are an anti-cavitation film.

5

10

15

20

25

3. An ink jet recording apparatus comprising: an ink jet recording head including a substrate, a plurality of recording elements for generating the discharge energy for discharging ink droplets of a recording liquid from at least a discharge port, the recording elements forming a recording element row arranged in a row on the substrate, a plurality of electrical circuit elements for driving the recording elements, the electrical circuit elements forming an electrical circuit element row arranged in a row adjacently to the recording element row on the substrate, at least a conductive belt-like recording element protecting section for covering the upper part of the recording element row, at least a conductive belt-like electrical circuit element protecting section electrically connected with the recording element protecting section for covering the upper part of the electrical circuit element row, and an inspection electrode pad adapted to be electrically connected to the recording element protecting section and the electrical circuit element protecting section; and

electricity supply means for supplying the ink jet recording head with an electrical signal for driving the ink jet recording head.

- 4. An ink jet recording apparatus according to claim 3, wherein the recording element protecting section and the electrical circuit element protecting section are an anti-cavitation film.
- 5. An ink jet recording head comprising: a substrate;

at least a first ink supply port provided on the substrate;

a plurality of recording elements for

generating the discharge energy for discharging ink

droplets of a recording liquid from at least a

discharge port, the recording elements forming a

first recording element row arranged in a row on each

side of the first ink supply port on the substrate;

a plurality of electrical circuit elements for driving the recording elements, the electrical circuit elements forming a first electrical circuit element row arranged in a row outside the first ink supply port with respect to the first recording

25 element row;

at least a conductive belt-like recording element protecting section for covering the upper

part of the first recording element row;

at least a conductive belt-like electrical circuit element protecting section electrically connected with the first recording element protecting section for covering the upper part of the first electrical circuit element row;

at least a second ink supply port provided on the substrate;

a plurality of recording elements for

generating the discharge energy for discharging ink
droplets of a recording liquid from at least a
discharge port, the recording elements forming a
second recording element row arranged in a row on
each side of the second ink supply port on the

substrate;

a plurality of electrical circuit elements for driving the recording elements, the electrical circuit elements forming a second electrical circuit element row arranged in a row outside the second ink supply port with respect to the second recording element row;

at least a conductive belt-like second recording element protecting section for covering the upper part of the second recording element row;

at least a conductive belt-like second electrical circuit element protecting section electrically connected with the second recording

20

element protecting section for covering the upper part of the second electrical circuit element row;

at least a conducting section for electrically connecting the first electrical circuit element protecting section and the second electrical circuit element protecting section to each other; and

an inspection electrode pad adapted to be electrically connected to the conducting section.

- 6. An ink jet recording head according to claim
 5, wherein the recording element protecting section
 and the electrical circuit element protecting section
 are an anti-cavitation film.
- 7. An ink jet recording apparatus comprising: 15 an ink jet recording head including a substrate, at least a first ink supply port provided on the substrate, a plurality of recording elements for generating the discharge energy for discharging ink 20 droplets of a recording liquid from at least a discharge port, the recording elements forming a first recording element row arranged in a row on each side of the first ink supply port, a plurality of electrical circuit elements for driving the recording 25 elements, the electrical circuit elements forming a first electrical circuit element row arranged in a row outside the first ink supply port with respect to

the first recording element row, a conductive beltlike first recording element protecting section for covering the upper part of the first recording element row, a conductive belt-like first electrical circuit element protecting section electrically connected with the first recording element protecting section for covering the upper part of the first electrical circuit element row, at least a second ink supply port provided on the substrate, a plurality of 10 recording elements for generating the discharge energy for discharging ink droplets of a recording liquid from at least a discharge port, the recording elements forming a second recording element row arranged in a row on each side of the second ink 15 supply port on the substrate, a plurality of electrical circuit elements for driving the recording elements, the electrical circuit elements forming a second electrical circuit element row arranged in a row outside the second ink supply port with respect 20 to the second recording element row, at least a conductive belt-like second recording element protecting section for covering the upper part of the second recording element row, at least a conductive belt-like second electrical circuit element 25 protecting section electrically connected with the second recording element protecting section for covering the upper part of the second electrical

circuit element row, a conducting section for electrically connecting the first electrical circuit element protecting section and the second electrical circuit element protecting section to each other, and an inspection electrode pad adapted to be electrically connected to the conducting section; and electricity supply means for supplying the ink jet recording head with an electrical signal for driving the ink jet recording head.

10

5

8. An ink jet recording apparatus according to claim 7, wherein the first recording element protecting section, the second recording element protecting section, the first electrical circuit element protecting section and the second electrical circuit element protecting section are an anti-cavitation film.